

STEREO MOC Status Report  
Time Period: 2013:084 - 2013:090

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:
  - On day 084, during the DSS-55 support, turbo decoder lock was lost intermittently beginning at 0657z through 0717z. This anomaly resulted in the loss of nine frames of SSR data. See DR #N108697 for more information.
  - On day 084, a PIT was conducted with DTF-21 and the STEREO AHEAD MOC at 1620z to test the new Remote Partner Gateway (RPG) firewall installed on the RIONet at JPL. Nominal telemetry and monitor data were received and one command was sent successfully.
  - On day 084, during the DSS-14 support, at BOT, 1345z, the transmitter was red and remained unavailable for the duration of the support. The 480 kbps downlink was received satisfactory. DSS-24 was placed on line to provide command support. All SSR data was received. See DR #G113804 for more information.
  - On day 084, during the DSS-32 support with ESA New Norcia, at 2135z, the command bind was established 115 minutes late due to a missing data path in the newly installed RPG firewall at JPL. All SSR data was received. See DR #N108689 for more information.
  - On day 085, during the DSS-55 support, turbo decoder lock was lost intermittently beginning at 0627z through 0734z. This anomaly resulted in the loss of six frames of SSR data. See DR #N108692 for more information.
  - On day 086, during the DSS-55 support, turbo decoder lock was lost briefly at 0628z and again at 0703z. This anomaly resulted in the loss of three frames of SSR data. See DR #N108693 for more information.
  - On day 088, during the DSS-26 support, the telemetry bind in the MOC was lost for 18 minutes when the DSN telemetry server, opsana8, rebooted at 1324z. This anomaly resulted in the loss of 18 minutes of real-time telemetry. All SSR data was recovered. See DR #N108698 for more information.

- On day 088, during the DSS-45 support, turbo decoder lock was lost briefly at 2020z. This anomaly resulted in the loss of one frames of SSR data. See DR #N108703 for more information.
- On day 090, during the DSS-15 support, telemetry was received six minutes late at 1521z because 1-way predicts were not available in the Receiver & Ranging Processor. This anomaly resulted in the loss of four minutes of SSR data. See DR #G113809 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 4.3 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- On day 090, during the DSS-15 support, turbo decoder lock was lost briefly at 091-0104z. This anomaly resulted in the loss of one frames of SSR data. See DR #G113811 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 087, the 50th momentum dump was executed successfully at 1630Z, which imparted a delta V of 0.076 m/sec.
- The average daily SSR playback volume for Behind was 4.3 Gbits during this week.